

## C-12F Minimum Equipment Subsystem List

System/Subsystem	Full System List	Basic System List				
		VFR Day	VFR Night	IFR Day	IFR Night	Icing
AIR CONDITIONING/ENVIRONMENTAL						
Pressurization Controller	X	X	X	X	X	X
Cabin Rate of Climb Indicator	X	X	X	X	X	X
ALT WARN Annunciator	X	X	X	X	X	X
Differential Press/Cabin Alt Indicator	X	X	X	X	X	X
Outflow	X	X	X	X	X	X
Safety Valve	X	X	X	X	X	X
Cabin Dump System	X	X	X	X	X	X
Air Conditioner	X	X3	X3	X3	X3	X3
Auto Temp Control System	X	X3	X3	X3	X3	X3
Manual Temp Control System	X					
BL AIR FAIL Annunciators (2)	X	X	X	X	X	X
Pressurization Air Source (2)	X	X1	X1	X1	X1	X1
Bleed Air Shutoff Valve (2)	X	X	X	X	X	X
Duct Overtemp Annunciator	X	X	X	X	X	X
AUTO FLIGHT						
Autopilot	X					
COMMUNICATIONS						
VHF (3)	X	X2	X2	X2	X2	X2
SATCOM	X	X3	X3	X3	X3	X3
Radio Control Unit (2)	X	X2	X2	X	X	X
Audio Control Panel (2)	X	X2	X2	X2	X2	X2
Static Discharge Wicks (22)	X	X4	X4	X4	X4	X4
UHF	X	X3	X3	X3	X3	X3
HF	X	X3	X3	X3	X3	X3
ELECTRICAL						
Aircraft battery	X	X	X	X	X	X
Battery Charge Monitor System and Annunciator	X	X	X	X	X	X
Auxiliary Battery	X	X	X	X	X	X
Auxiliary Battery Annunciator	X	X	X	X	X	X
DC Generator (2)	X	X	X	X	X	X
DC Loadmeter (2)	X	X	X	X	X	X
DC GEN Annunciator (2)	X	X	X	X	X	X
Inverter (2)	X	X	X	X	X	X
INVERTER Annunciator (2)	X	X	X	X	X	X
AC Frequency/Voltmeter (2)	X	X	X	X	X	X
Emergency Battery Power Supply	X	X	X	X	X	X
ENGINE INDICATING						
Propeller Tachometer Indicator (2)	X	X	X	X	X	X
Turbine Tachometer (N1) (2)	X	X	X	X	X	X
TGT Indicator (2)	X	X	X	X	X	X
Torque Indicator (2)	X	X	X	X	X	X

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		VFR Day	VFR Night	IFR Day	IFR Night	Icing
Engine Oil Pressure/Temperature (2)	X	X	X	X	X	X
Chip Detector System and Annunciator (2)	X	X	X	X	X	X
OIL PRESS Annunciator	X	X	X	X	X	X
<b>FIRE PROTECTION</b>						
Engine Fire Detector System & Annunciator (2)	X	X	X	X	X	X
Engine Fire Extinguisher (2)	X	X	X	X	X	X
Portable Fire Extinguisher (2)	X	X	X	X	X	X
<b>FLIGHT CONTROLS</b>						
Flap Position Indicator	X	X	X	X	X	X
Trim Tab Indicators (3)	X	X	X	X	X	X
Yaw Damp	X	X	X	X	X	X
Stall Warning Horn	X	X	X	X	X	X
Flap System	X	X	X	X	X	X
<b>FUEL SYSTEM</b>						
Standby Fuel Boost Pump (2)	X	X	X	X	X	X
Engine Driven Boost Pump (2)	X	X	X	X	X	X
Firewall Shutoff Valve (2) including annunciators	X	X	X	X	X	X
Fuel Quantity Indicator (2) including annunciators	X	X	X	X	X	X
Crossfeed Valve	X	X	X	X	X	X
Crossfeed Light	X	X	X	X	X	X
Fuel Flow Indicator (2)	X	X	X	X	X	X
FUEL PRESS Annunciator (2)	X	X	X	X	X	X
Jet Transfer Pump (2)	X	X	X	X	X	X
Motive Flow Valve (2)	X	X	X	X	X	X
Fuel Quantity Gage Selector Switch	X	X9	X9	X9	X9	X9
<b>FLIGHT SAFETY EQUIPMENT</b>						
Seat Belts	X	X5	X5	X5	X5	X5
Shoulder Harness: Pilot, Copilot	X	X	X	X	X	X
Emergency Locator Transmitter	X	X	X	X	X	X
Flight Data Recorder	X	X	X	X	X	X
Cockpit Voice Recorder	X	X	X	X	X	X
TAWS	X	X6	X	X	X	X
TCAS	X	X	X	X	X	X
Stall Warning	X	X	X	X	X	X
Stall Strip (2)	X	X	X	X	X	X
Survival Equipment	X	X3	X3	X3	X3	X3
<b>ICE AND RAIN PROTECTION</b>						
Surface De-ice System	X					X
Engine Anti-Ice System and Annunciator	X	X	X	X	X	X
Windshield Heat (2)	X					X
Engine Auto Ignition System and Lights	X	X	X	X	X	X

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		VFR Day	VFR Night	IFR Day	IFR Night	Icing
Pitot Heat	X			X	X	X
Alternate Static Air Source	X			X	X	X
Propeller Deice System	X					X
Heated Fuel Vent	X			X	X	X
Stall Warning Heat	X					X
Pneumatic Pressure Indicator	X			X	X	X
Wing Ice Light	X					X
Brake Deice System	X					X
<b>LANDING GEAR</b>						
Landing Gear Position Indicator Lights	X	X	X	X	X	X
Landing Gear Handle Light	X	X	X	X	X	X
Landing Gear Aural Warning	X	X	X	X	X	X
Alternate Landing Gear Extension System	X	X	X	X	X	X
Landing Gear Hydraulic Power Pack and Motor	X	X	X	X	X	X
Hydraulic Fluid Low Annunciator	X	X	X	X	X	X
<b>LIGHTS AND INDICATORS</b>						
Cockpit and Instrument Lights	X		X		X	
Landing Lights	X		X		X	
Beacon	X		X		X	
Position Lights	X		X		X	
Master Fault Caution Lights	X	X	X	X	X	X
TAWS Annunciation Lights	X	X	X	X	X	X
Cabin Door Caution Annunciator	X	X	X	X	X	X
<b>NAVIGATION INSTRUMENTS</b>						
Navigation Display	X		X	X	X	X
Navigation Display Control Panel	X		X	X	X	X
Navigation Equipment	X	X3	X3	X3	X3	X3
Flight Management System (2)	X	X2	X2	X2	X2	X2
GPS (2)	X	X2	X2	X2	X2	X2
TA-12	X	X3	X3	X3	X3	X3
Standby Magnetic Compass	X	X	X	X	X	X
IFF Mode S Transponder	X	X	X	X	X	X
Clock	X			X	X	X
Radio Altimeter	X	X	X	X	X	X
Outside Air Temp Indicating System	X	X	X	X	X	X
Primary Flight Display (2)	X	X7	X7	X7	X7	X7
Pilots PFD Control Panel	X	X	X	X	X	X
Copilots PFD Control Panel	X					
Course Heading Control Panel	X			X	X	X
Reference Select Control Panel	X					
Air Data Computer	X	X2	X2	X	X	X
Attitude Heading Reference System	X	X2	X2	X	X	X
Electronic Standby Instrument System	X		X	X	X	X

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		VFR Day	VFR Night	IFR Day	IFR Night	Icing
Pedestal Cooling Fan	X	X	X	X	X	X
<b>OXYGEN</b>						
Oxygen System	X	X	X	X	X	X
<b>PROPELLERS</b>						
Propeller Governor	X	X	X	X	X	X
Overspeed Governor	X	X	X	X	X	X
Propeller Governor Test Switch	X	X	X	X	X	X
Prop Reversing System and Annunciators	X	X	X	X	X	X
Auto-Feather System and Annunciators	X	X8	X8	X8	X8	X8
Propeller Primary Low Pitch Stop	X	X	X	X	X	X

### NOTES:

- 1 - Flight limited to cabin altitude of 10,000 ft. or less with one pressurization air source.
- 2 - One system must be operable.
- 3 - As required for mission.
- 4 - At least two static wicks per primary control surface and no more than three other static wicks missing though out the rest of the aircraft.
- 5 - One per occupied seat.
- 6 - If carrying passengers.
- 7 - Copilot's PFD may be inoperative.
- 8 - Required for aircraft weighing 12,500 lbs or more at takeoff.
- 9 - May be inoperative provided MAIN quantity indicators are operational.